

# Adaptive Frequency Hopping Ad-Hoc Group

- Goals: Combine the proposals received on AFH (01/367r1-01/57r1-01/169r0-01/082r0) and recommend a single AFH proposal to TG2 based on the agreed AFH principles.
- Schedule: The group will have a bi-weekly telecon TBD.

# Adaptive Frequency Hopping Ad-Hoc Group

- Participants:
  - Anuj Batra
  - Oren Eliezer
  - Hong Bing
  - Bijan Triester
  - KC Chen
  - Nada Golmie
  - Anyone who wants to participate
- Facilitator:
  - Nada Golmie (nada@nist.gov)

# Adaptive Frequency Hopping

## Ad-Hoc Group

- Ad-Hoc group telecon meeting will be announced on the TG2 reflector.
- Motion: Form an Ad-hoc group on Adaptive Frequency Hopping.

# Principles of AFH

- Channel Quality Assessment
- Re-mapping of channels from original hopping sequence
- Reduce frequency hopping sequence
- Fixed hopping sequence length / Short Period (?)
- Additions on to the Bluetooth specifications (Baseband and LMP)
- Reliable exchange of new sequence
- Backward compatibility with legacy devices